

Institute of Public Health in Ostrava
Centre of Hygienic Laboratories
Partyzánské nám stí 7, 702 00 Ostrava

TEST REPORT No. 5377/2017

Customer : CRYSTAL COLLOIDALS
Thomas Alva Edisonweg 3
6045 GN Roermond
NL

Set No. : 2567
Sample Received : 30.1.2017 9:00
Sample Analyzed : 30.1.2017 - 3.2.2017
Ref. No. : ZU/ZU/01044/2016
File No. : S-ZU/ZU/01044/2016
File code : 4.0.3

| | |
|---------------------------|--|
| Sample No. : | 8342 |
| Sampling date : | Not mentioned |
| Sample name: | 4.Colloidal Gold - Livoa Vital - Kolloidales gold - 8 ppm - RGO10.16 |
| Sample Type : | Drinking water |
| Sampled by : | Customer |
| Mode of sampling : | Not mentioned |

Results - chemical analysis

| Parameter | Value | Unit | Type | Method used | Uncertainty |
|-----------|--------|------|------|-------------------------|-------------|
| Au | 0,0250 | mg/l | N | SOP OV 201 ² | ±20% |

Notice to sampling : The sampling itself is not a subject of accreditation.

Method specification :

SOP OV 201 (SN EN ISO 17294-1, SN EN ISO 17294-2)

Laboratory workplace :

⁽²⁾ - Analyses performed at Ostrava (Partyzánské nám. 7, 702 00 Ostrava)

Methods in TYPE column: "N" non-accredited test

< - the result is below the detection limit, > - the result is higher than the value presented

Results deal with tested samples only.

Without a written consent of the laboratory, this Report can be reproduced only complete.

These expanded uncertainties of measurement are obtained by multiplying of standard uncertainty of measurement by extending coefficient k=2 (for confidence level 95%). Uncertainty of sampling not included.

Head of Hygienic Laboratories Center : Došká ová Šárka, RNDr.

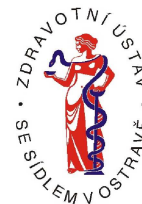
Checked by : Lach Karel, Ing. CSc.

Completed by : Lach Karel, Ing. CSc.

Number of pages : 1

Date : 14.2.2017

Ing. Vladimíra N mcová
Head of Department of Inorganic Analyses



Size Distribution Report by Number

Sample Details

Sample Name: 8343_2567_2017_Colloidal Gold_Livoa Vital_Kolloidales Gold 8 ppm AVG

SOP Name: nanoAu.sop

General Notes: Average result created from record number(s): 570 571 574 576 578 579
580 581 583 584 585

File Name: CRYSTAL colloidal.dts **Dispersant Name:** Water

Record Number: 634 **Dispersant RI:** 1.330

Material RI: 0.20 **Viscosity (cP):** 0.8872

Material Absorbtion: 3.09 **Measurement Date and Time:** 8. února 2017 8:29:15

System

Temperature (°C): 25.1 **Duration Used (s):** 70

Count Rate (kcps): 155.7 **Measurement Position (mm):** 4.65

Cell Description: Disposable sizing cuvette **Attenuator:** 9

Results

| | Size (d.nm): | % Number |
|----------------|--------------|----------|
| Peak 1: | 82.11 | 100.0 |
| Peak 2: | 0.000 | 0.0 |
| Peak 3: | 0.000 | 0.0 |

